

# ERIK KIMSEY

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## Software Developer

UI + Design

5+ years

Mobile + Web

## LANGUAGES

Javascript

C#

Python

Swift

C++

## UI

Javascript / Typescript

React / Next.js

CSS / Tailwind / SCSS

Plotly / Chart.js / D3.js

Three.js

SwiftUI

## MOBILE

React Native

Unity

SwiftUI

## BACKEND

Node.js / Express

Django

SQL / SQLite

## 3D + DESIGN

Blender

Illustrator

Photoshop

## PROFILE

UI/UX Software Developer with 5+ years of experience. Strong focus on *performant*, user-friendly, dynamic, and attractive user-interfaces. Proficient developing within the JavaScript ecosystem. Specifically: *React, Next.js, Tailwind, Typescript, Chart.js / D3.js / Plotly, and Jest / Enzyme / React-Testing and Github Actions*.

## EXPERIENCE

### Developer + Creative Lead @ Bebop Boutique — Present

- Leading creative direction: devising and developing a conceptual theme, and integrating that theme into a global aesthetic. And, then, implementing that theme into a dynamic 3D mobile app.
- As particularly required for the *performance of 3D on mobile devices*: the codebase (and all 3D and UI assets) was built to be as lean as possible.
- Developed *all code (C#)* for a performant, *highly-interactive, multi-sensorial experience*, that utilizes *mobile device sensor APIs* in addition to screen touch interaction.
- Utilized *Responsive-Design Principles*, to accomplish continuity of experience across all iOS devices.
- Implemented *custom real-time physics* in C#: simulated fluid, and mechanics of self-stabilizing hover behavior (“PID Controller”).

### UI / UX Consultation @ AgConnect — 2024

- Created a 6-page instruction-worksheet and Figma mood-board, for stakeholders, towards creating brand guidelines.
- Provided a 40-point deep-analysis of AgConnect app’s user-interface, applying UI/UX design principles.
- Provided stakeholders with 5+ illustrated case studies of suggested UI improvements.
- Re-designed 5 of the app’s core features, to increase the usability and visual appeal of the target market.
- Developed AgConnect login/sign-up and landing sites, using Svelte (Javascript, CSS).

### Lead Mobile UI Engineer @ University of Virginia/SkillSTAR — 2020-2021

- Used *React Native, Typescript, Node.js, Chart.js, Jest, and Python*, in building a mobile app, “SkillSTAR”.
- Designed / developed the app’s UI to meet *specific usability requirements* of young Autistic children and their caretakers.
- Coordinated weekly consultation with stakeholders, and created a system for asynchronous collaboration and communication.

### **Engineering / Design @ Various — 2021-2025**

- **Development:** Next.js, React.js, Tailwind, Node.js, D3.js / Chart.js, Jest, Github Actions, and a variety of backend technologies (e.g., SQLite, Postgres, GraphQL).
- **Design:** Adobe Creative Suite (Illustrator, Photoshop, InDesign), Procreate, Linearity Curve.

### **Javascript Engineer @ ChartIQ — 2016-2017**

- Utilitized Javascript and HTML5 Canvas to develop and debug ChartIQ's flagship product, a real-time finance charting service.
- Utilized AngularJS and CSS to integrate ChartIQ into a eToro products.

### **EDUCATION**

Lambda School — (CE) Software Engineering, 2019-2020

University of Oregon — (CE) Computer Science , 2016

BRCC — Web Design & Development Certification 2015

James Madison University — BS Philosophy, 2010

### **AWARDS / EXTRA-CURRICULAR**

EMT-B, Harrisonburg Rescue Squad

Phi Sigma Tau member, Philosophy Honors Society

Botanical Sculpture Contest, 1st Place!, Montessori, 1989